

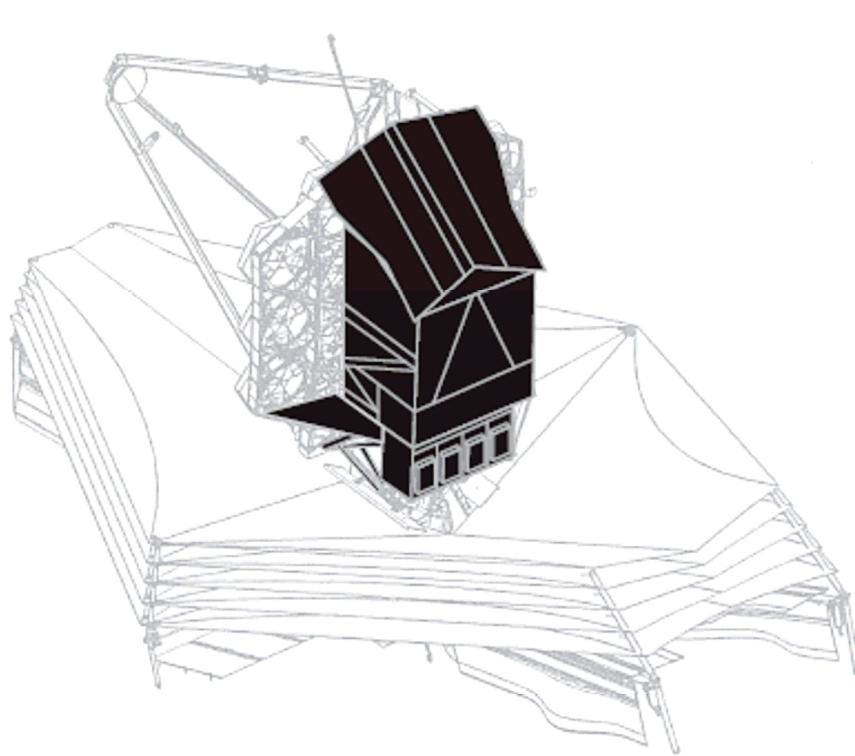


National Aeronautics and
Space Administration

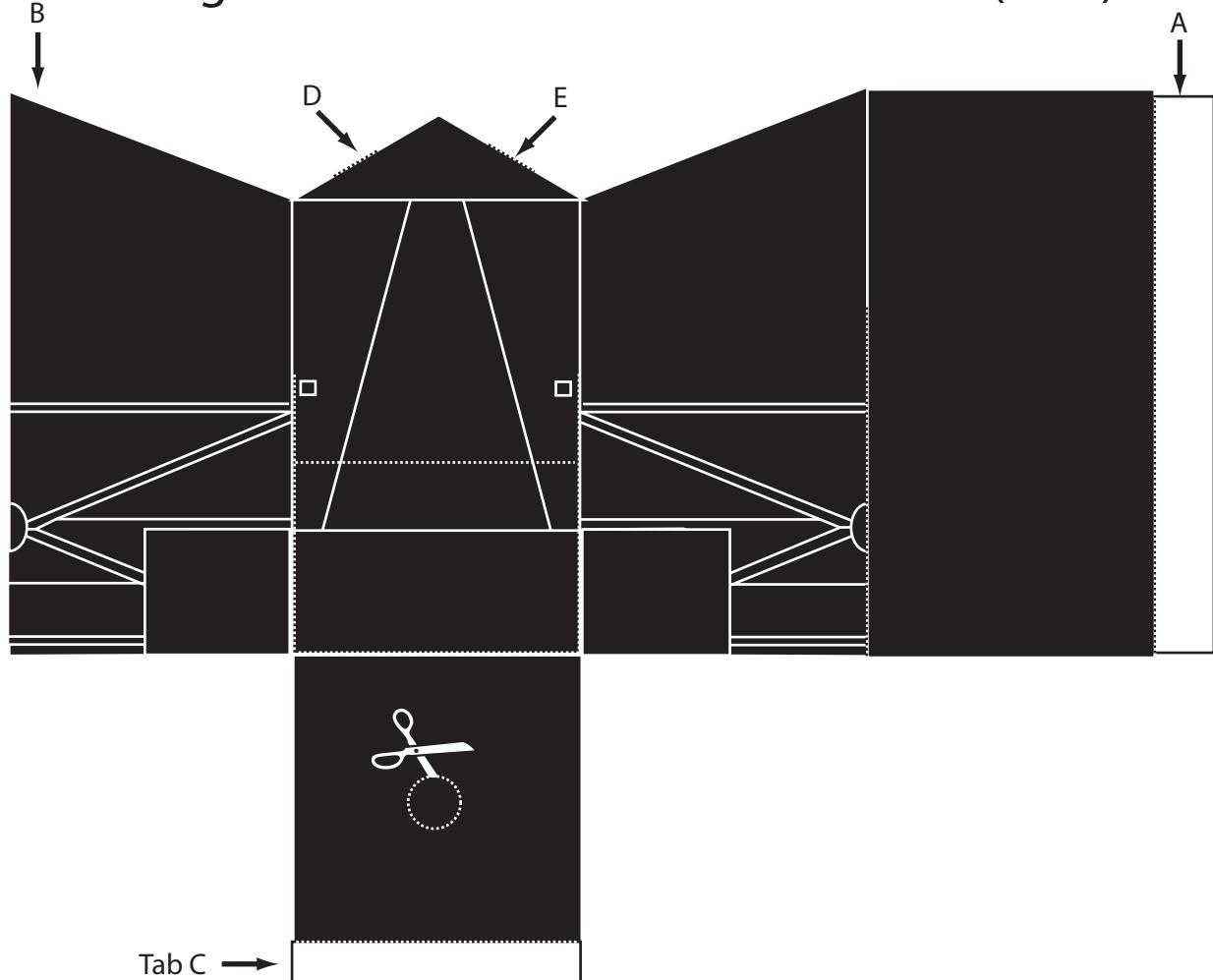


Goddard Space Flight Center
Greenbelt, Maryland 20771

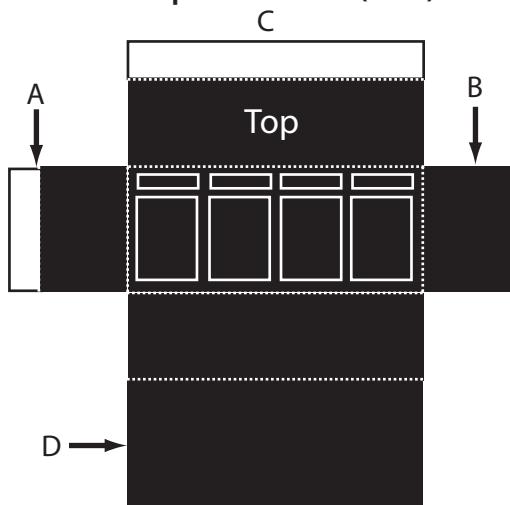
James Webb Space Telescope Observatory Model Building Printouts of Assembly Parts



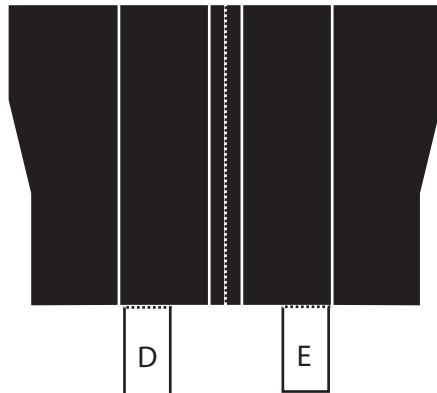
Integrated Science Instrument Module (ISIM)



ISIM Electronics Compartment (IEC)



Instrument Shield



Spacecraft Bus Assembly

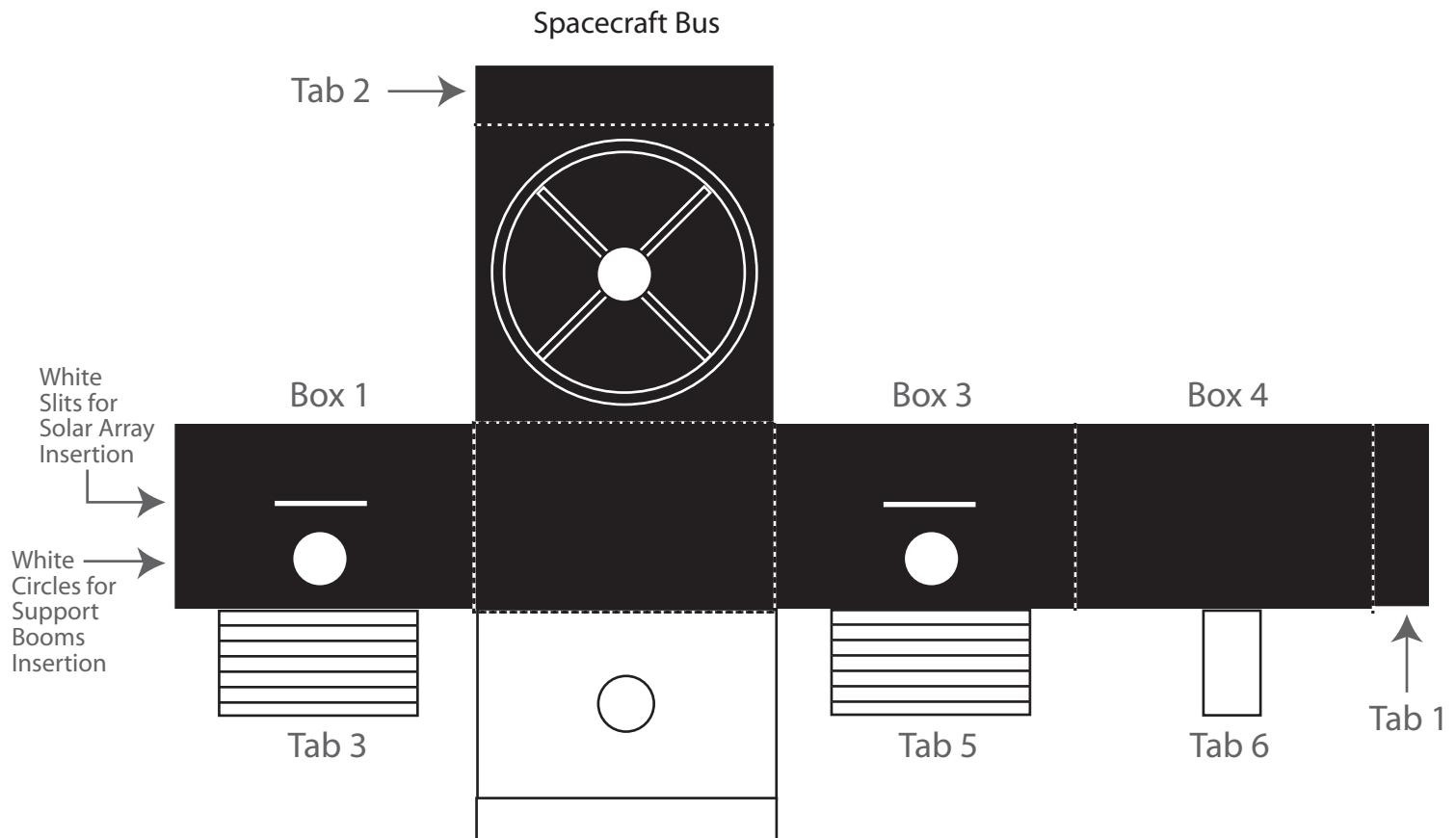
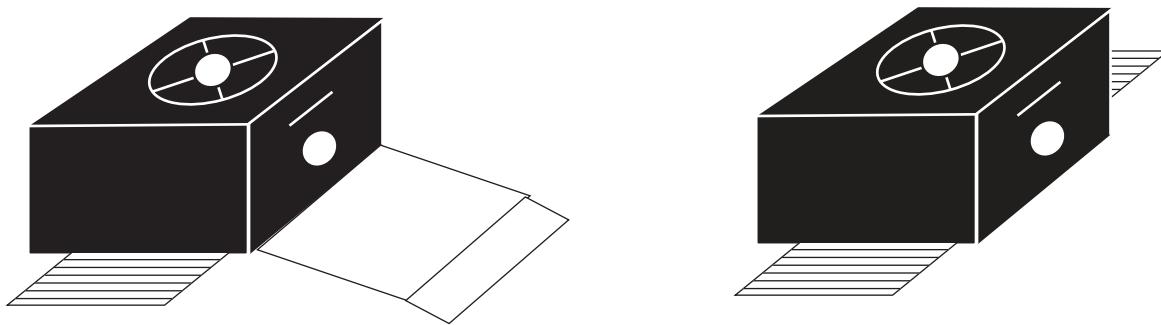
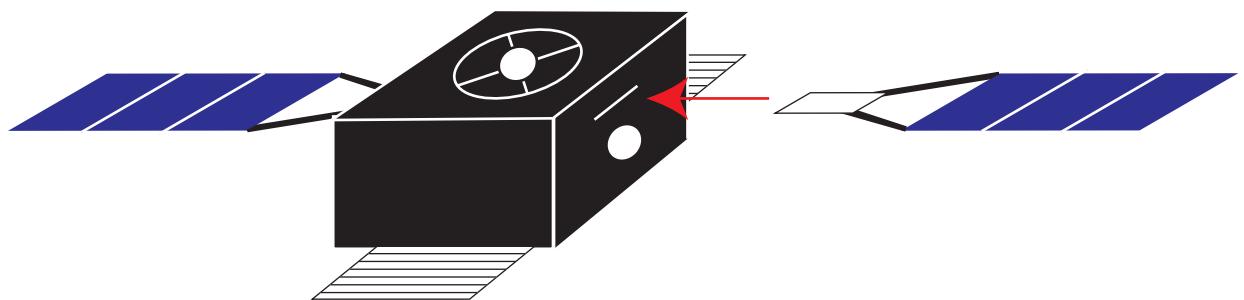
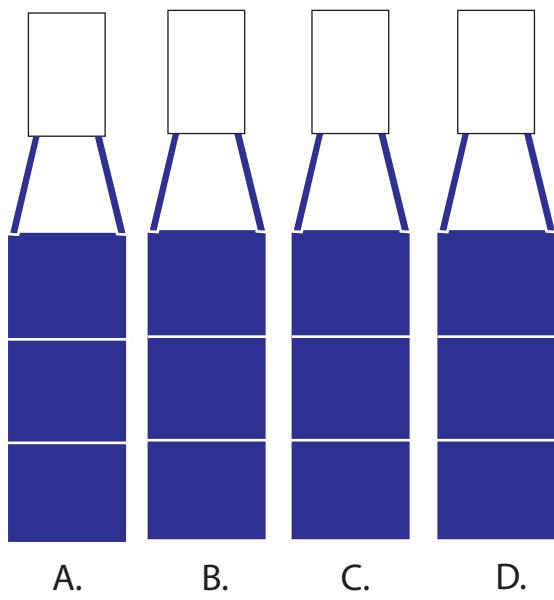


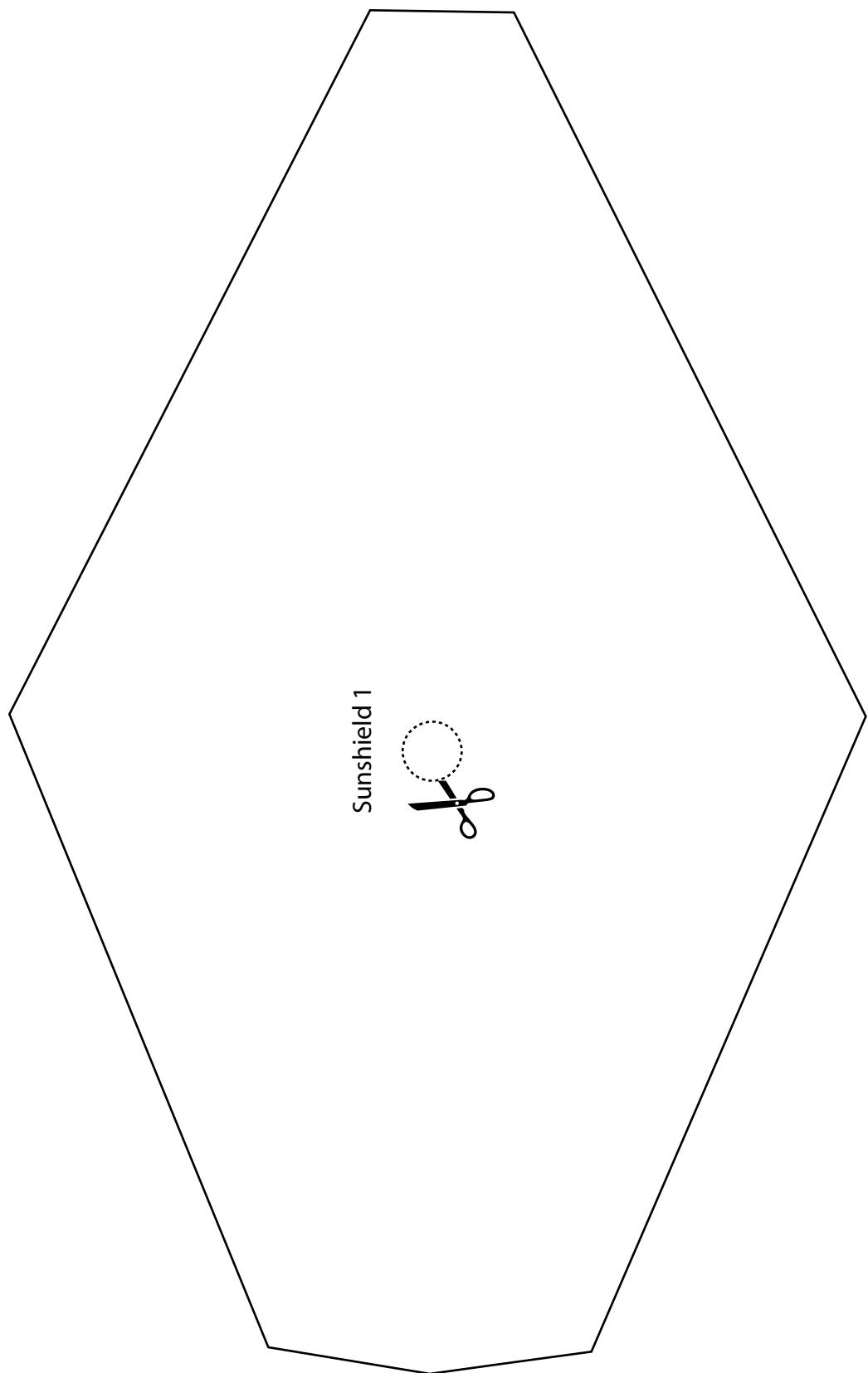
Diagram 1

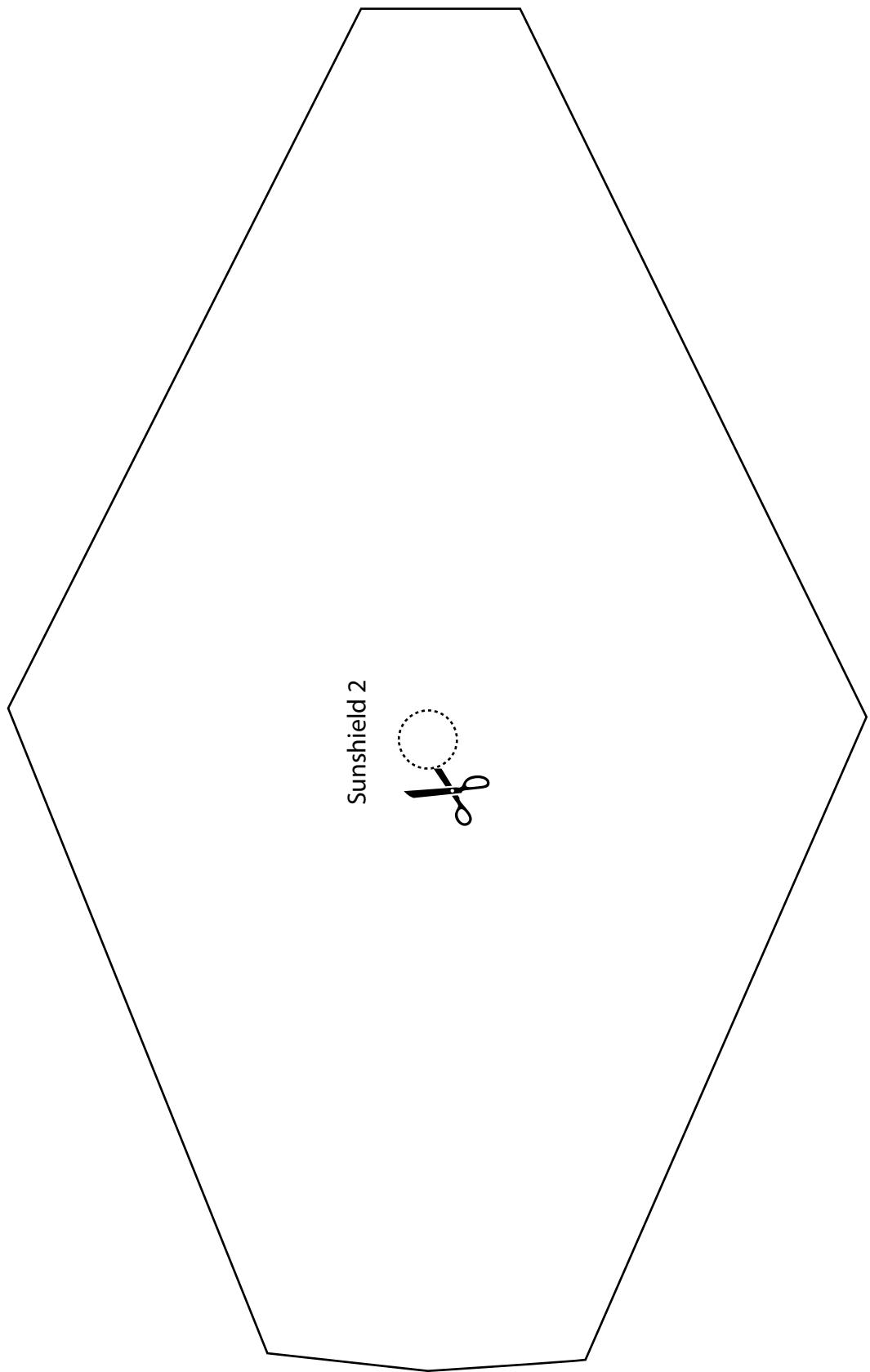


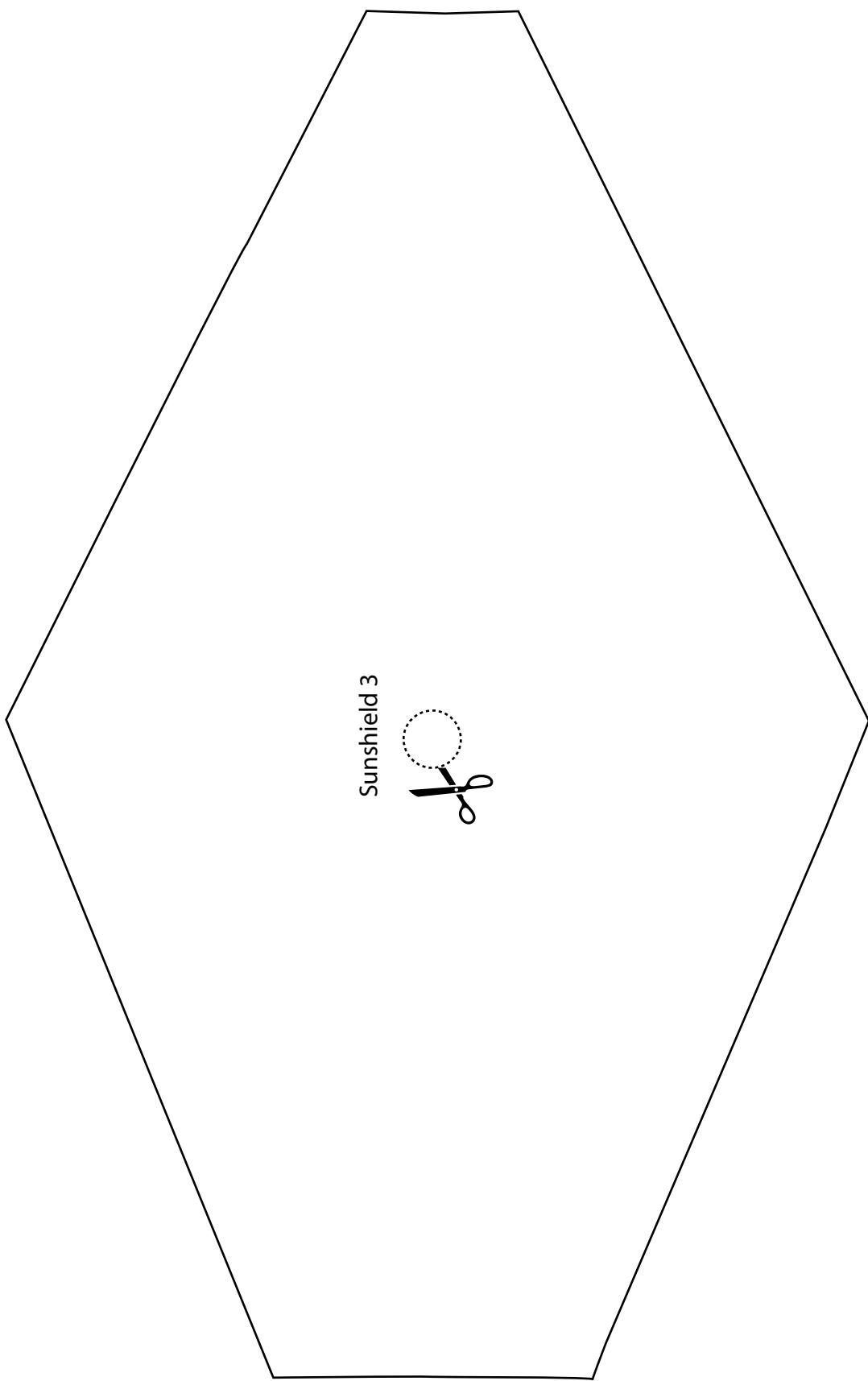
Attaching Solar Arrays

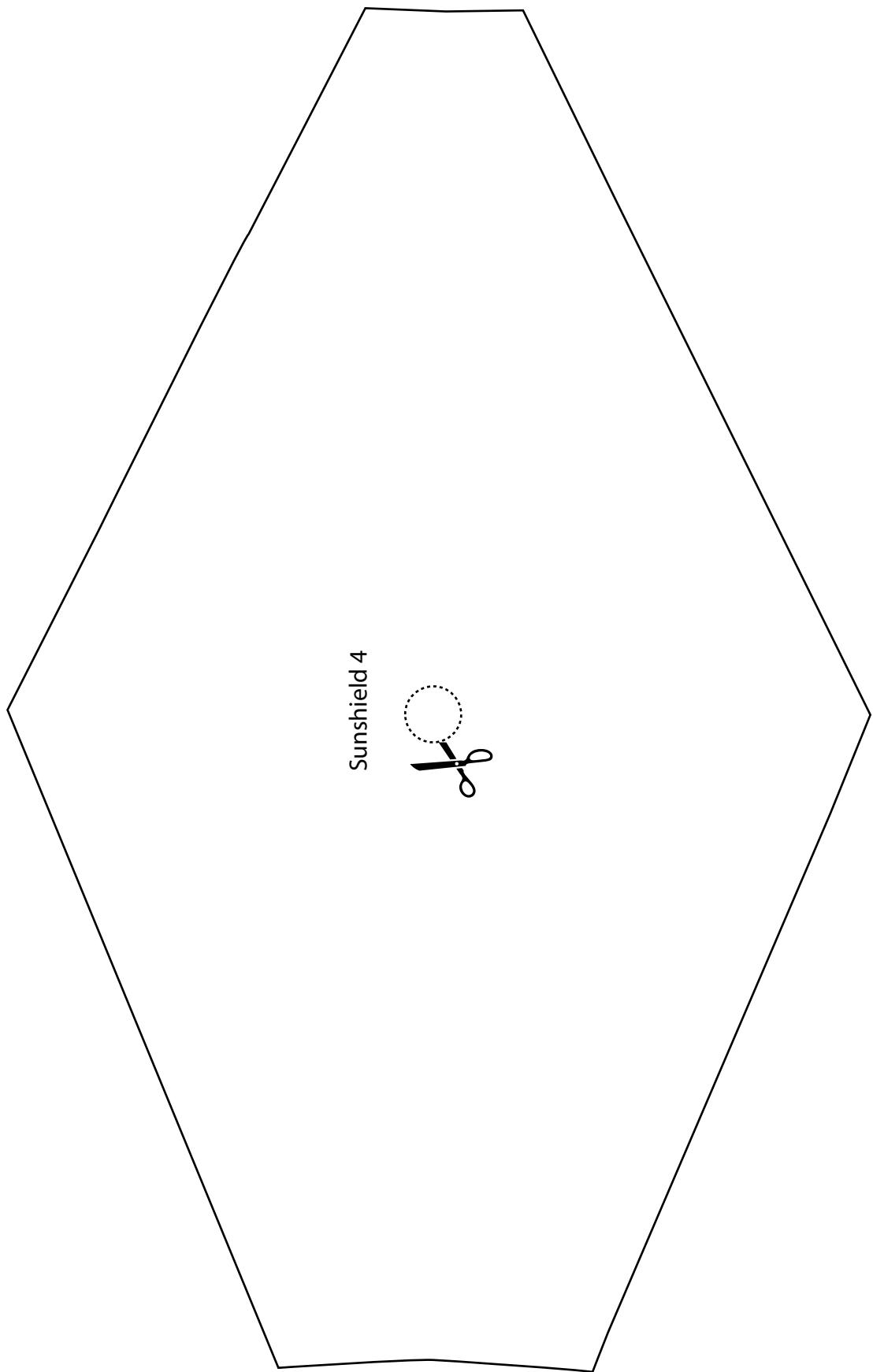
Solar Arrays

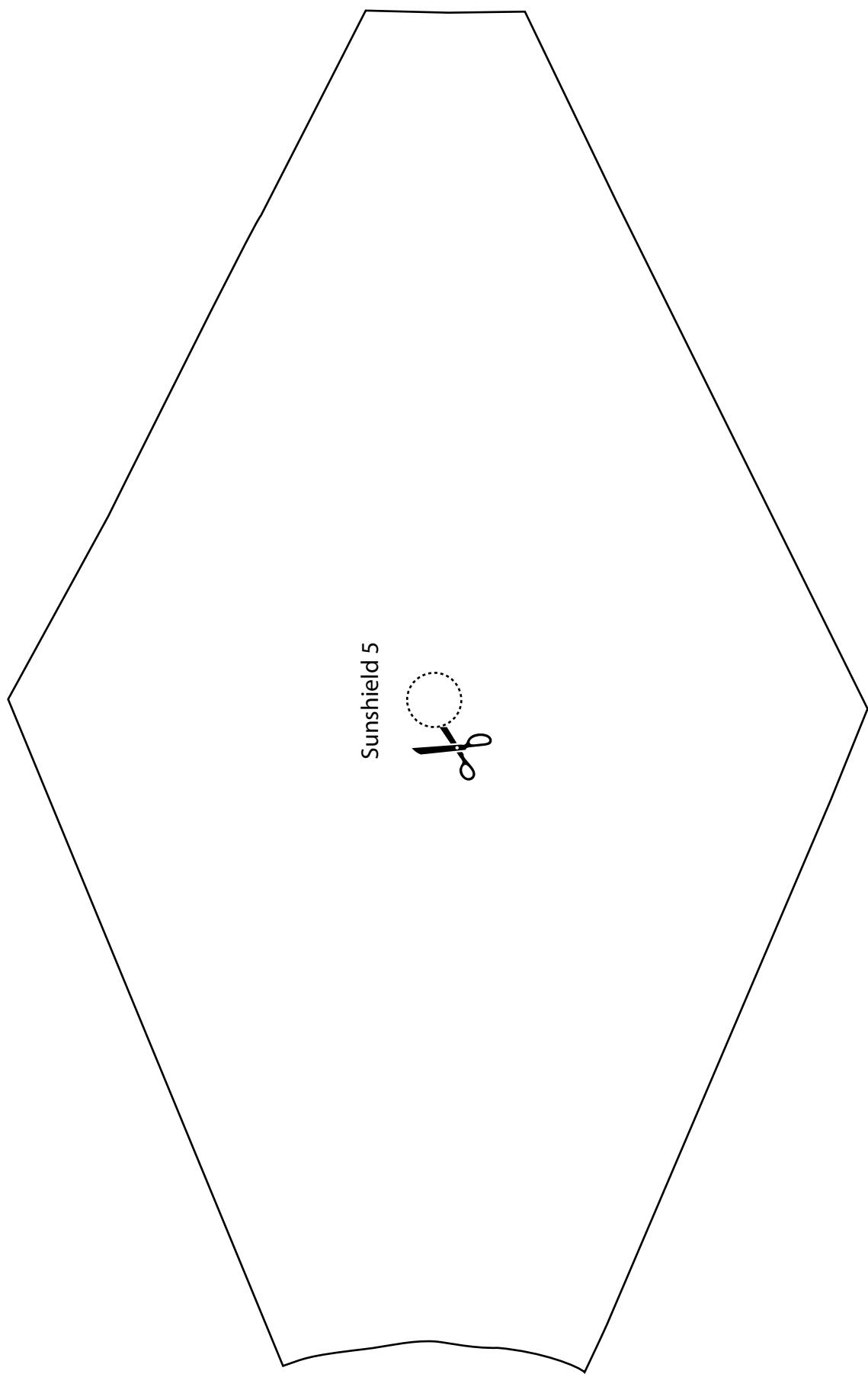




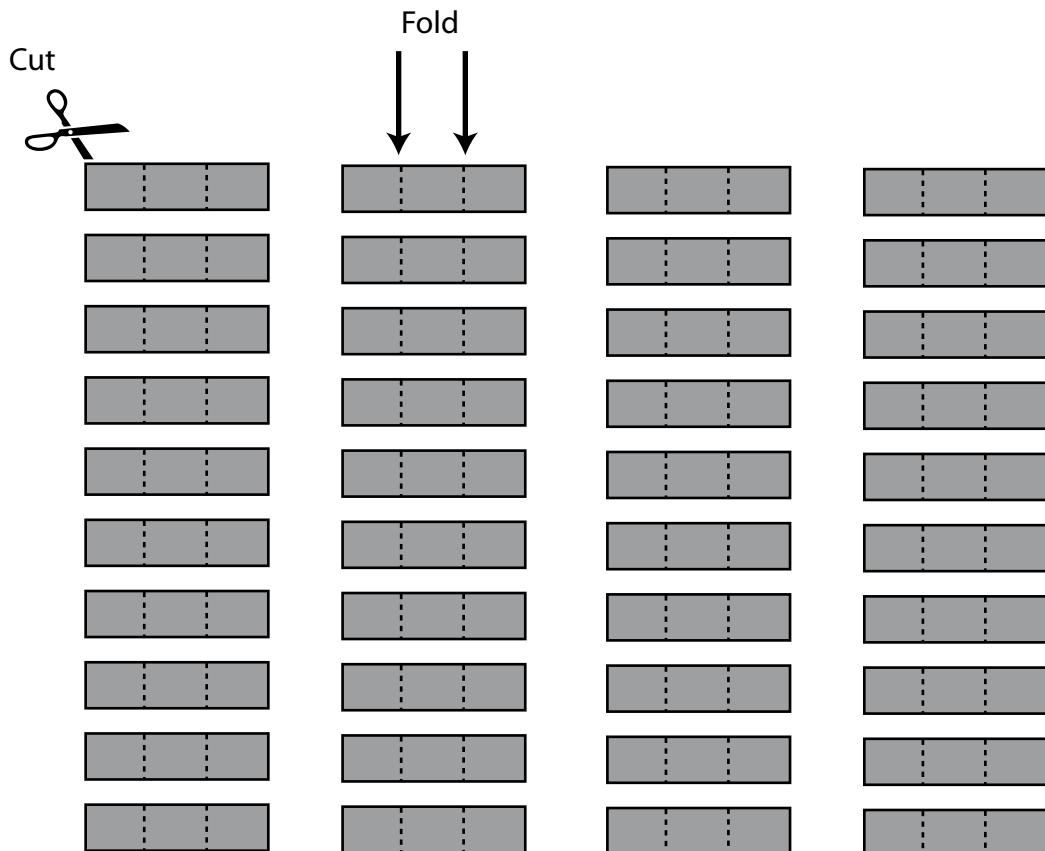








Sunshield Tabs

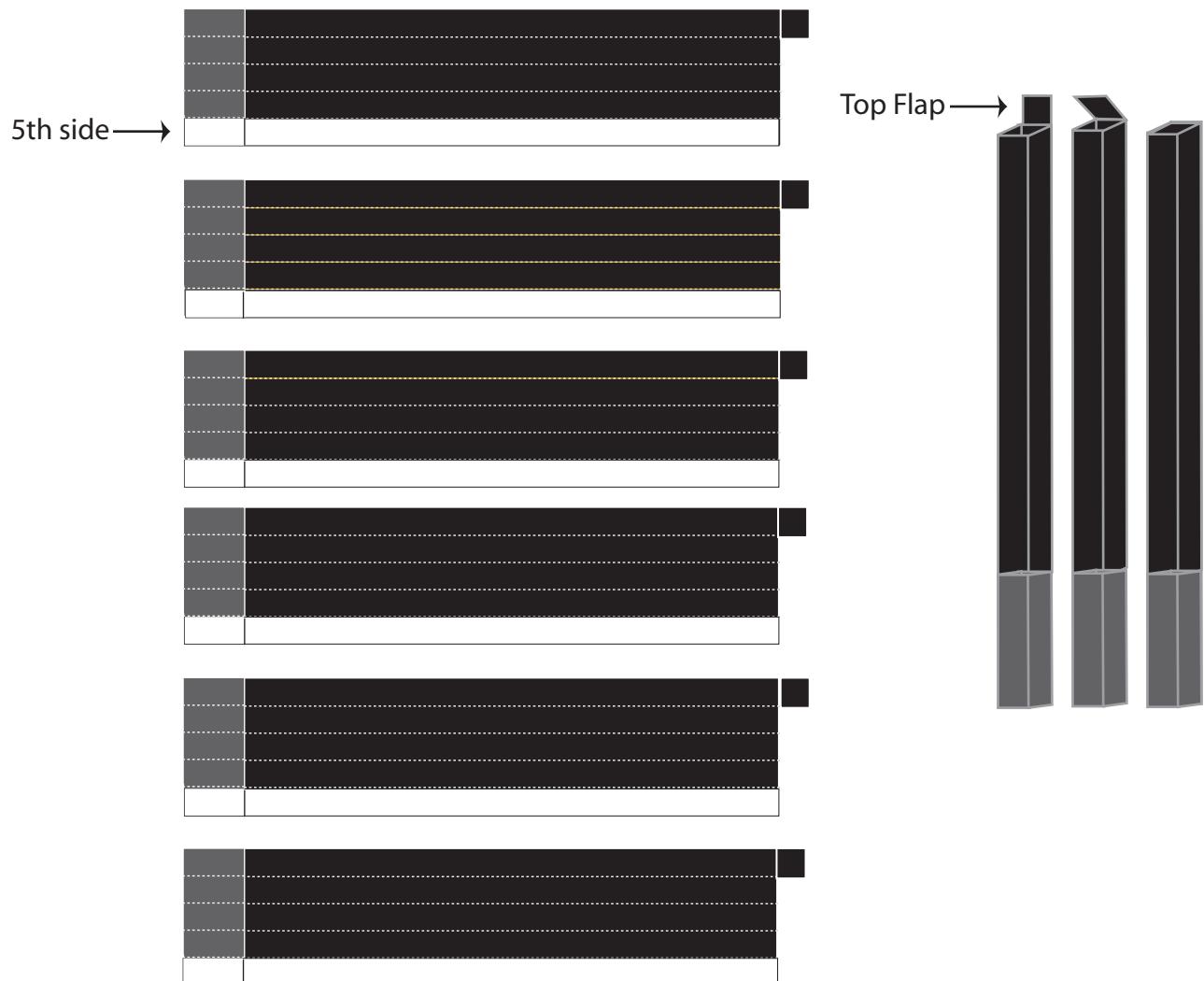


- 1.Cut out on solid lines
- 2.Fold inward on dashed lines
so grey shaded side faces
outward
- 3.See diagram 1
below.

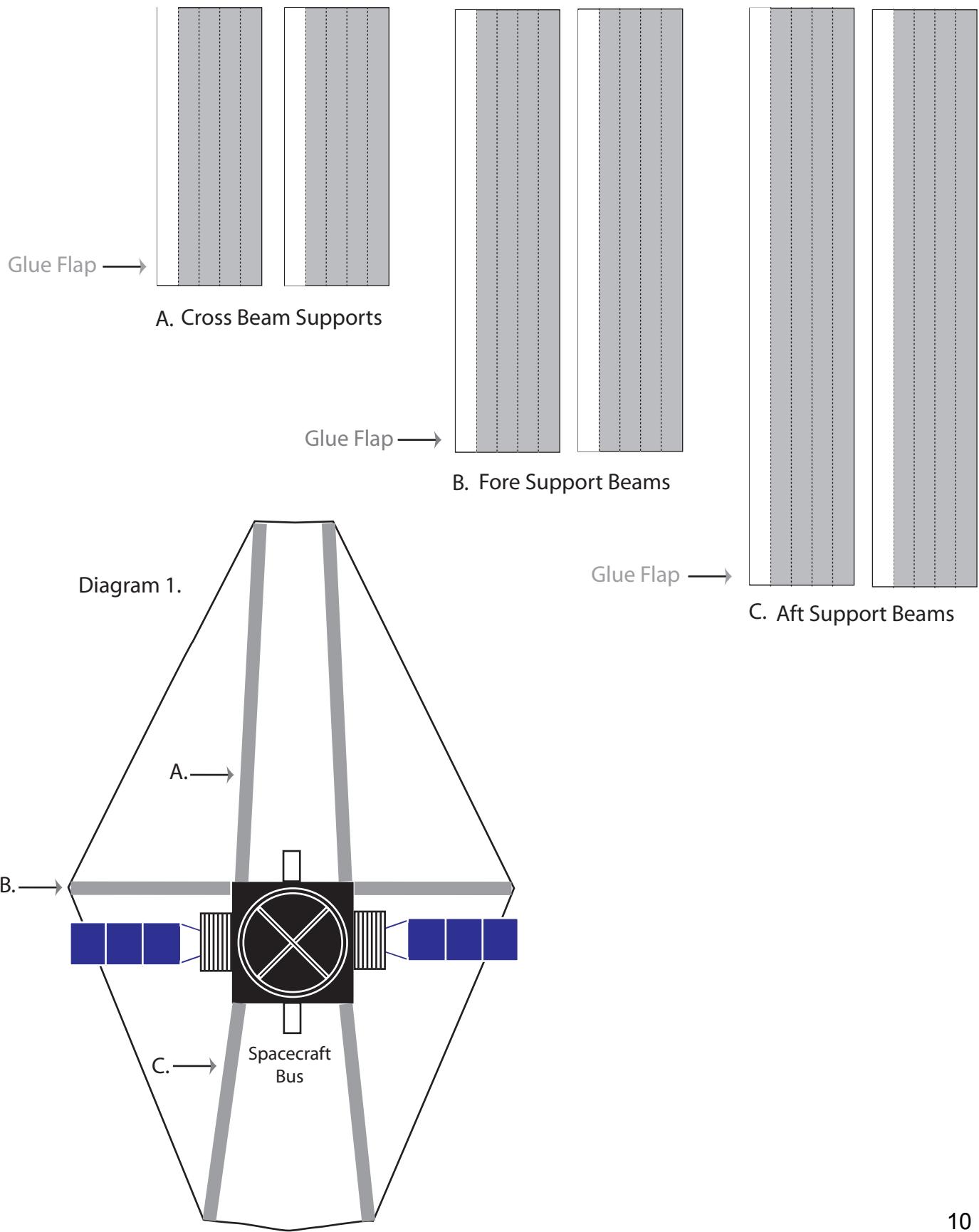
Diagram 1.



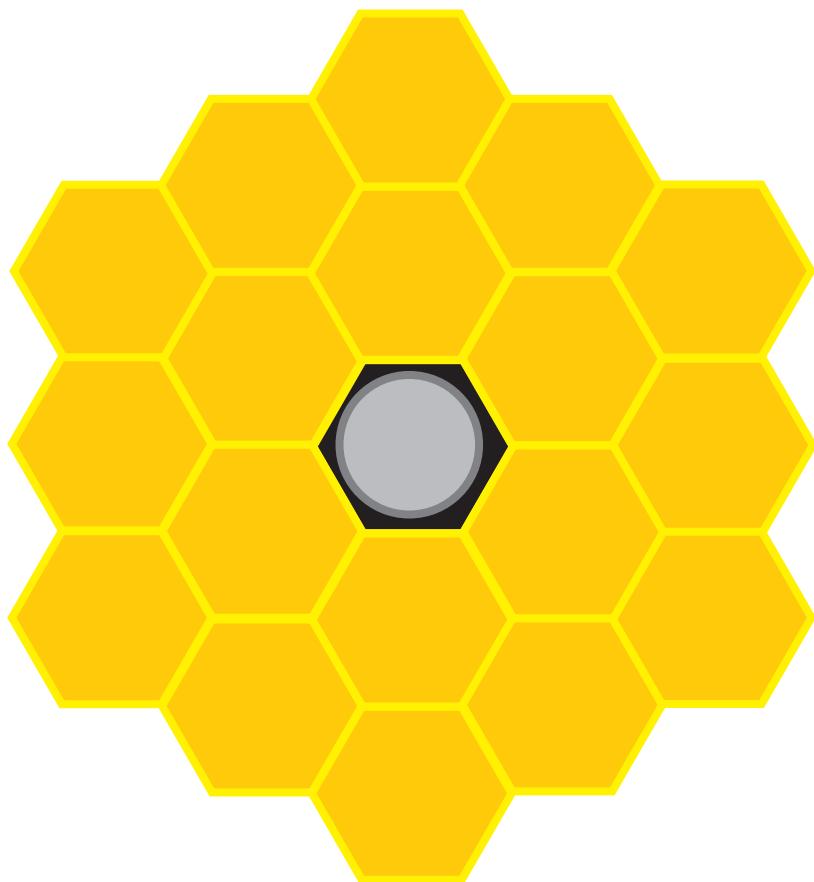
Sunshield Spreader Bars



Bottom Sunshield Support Beams



Primary Mirror



Primary Mirror - FRONT



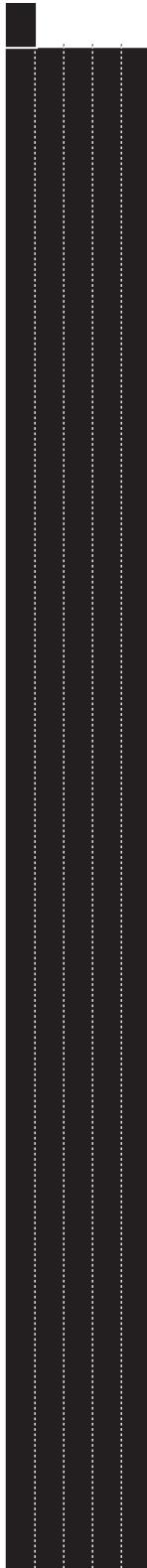
Extra Primary Mirror
for multiple printing,
layering and gluing

Unsharpened New Pencil for Center Support Boom



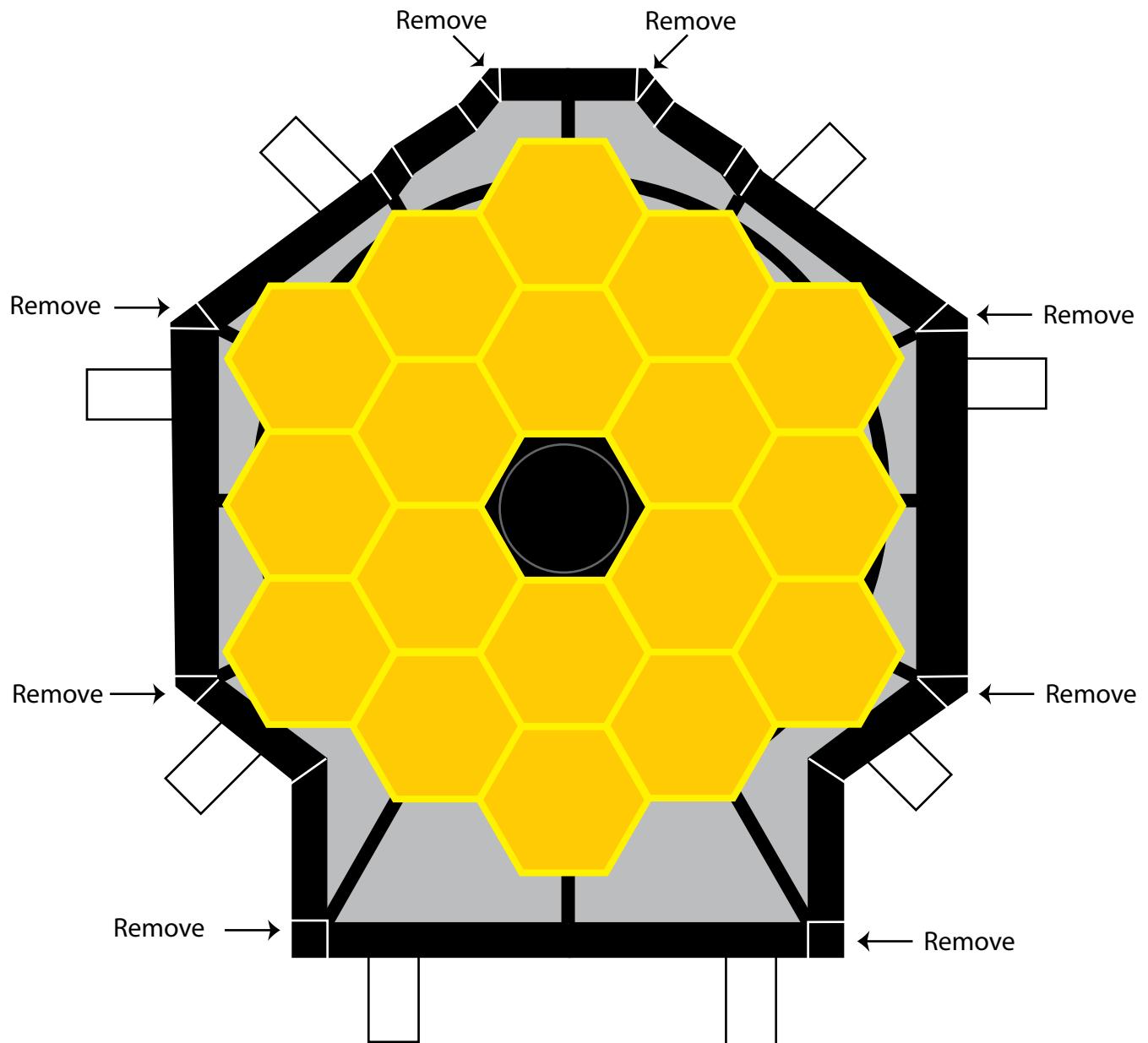
Unsharpened New Pencil for Center Support Boom

Cardstock Center Support Boom

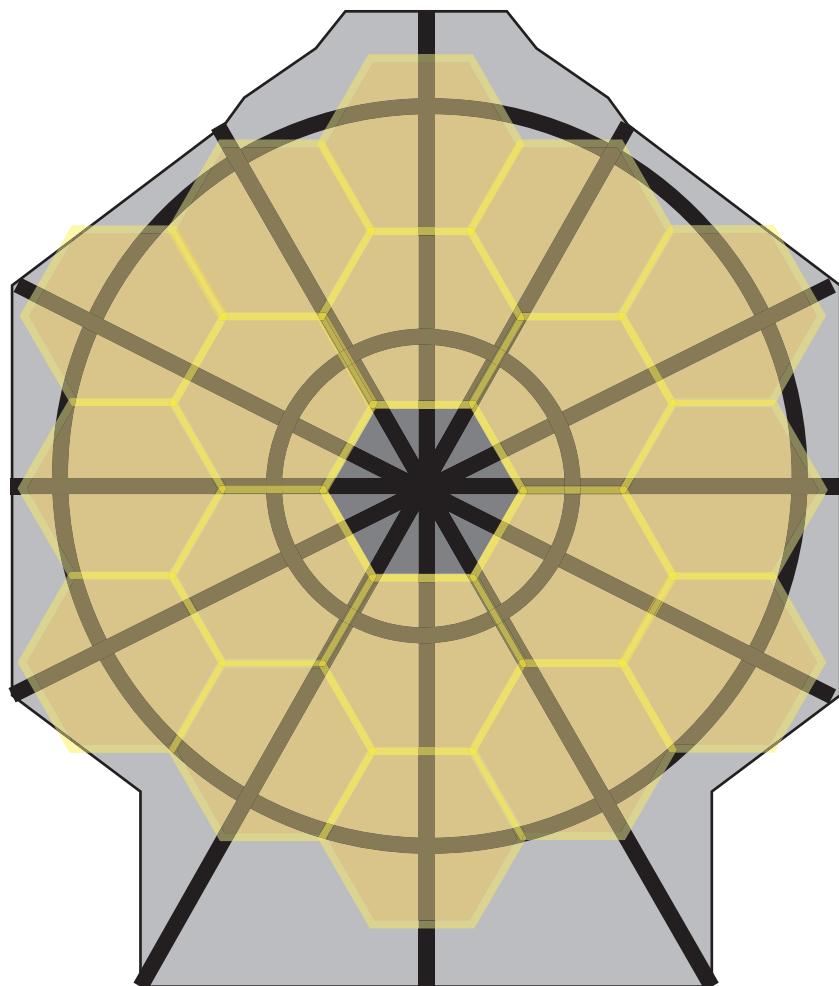


Cardstock Center Boom

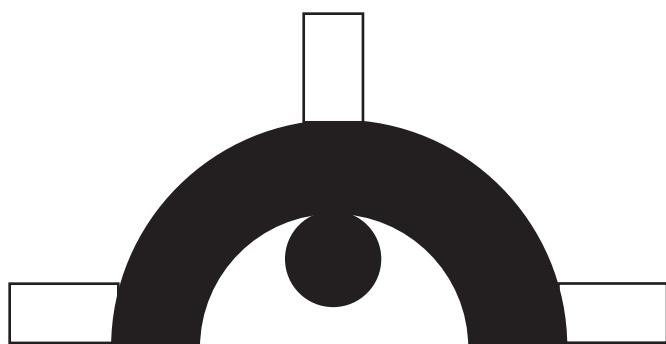
Front Backplane Structure



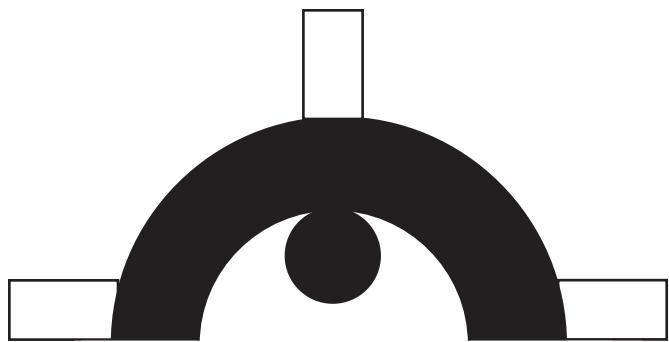
Back of Backplane Structure



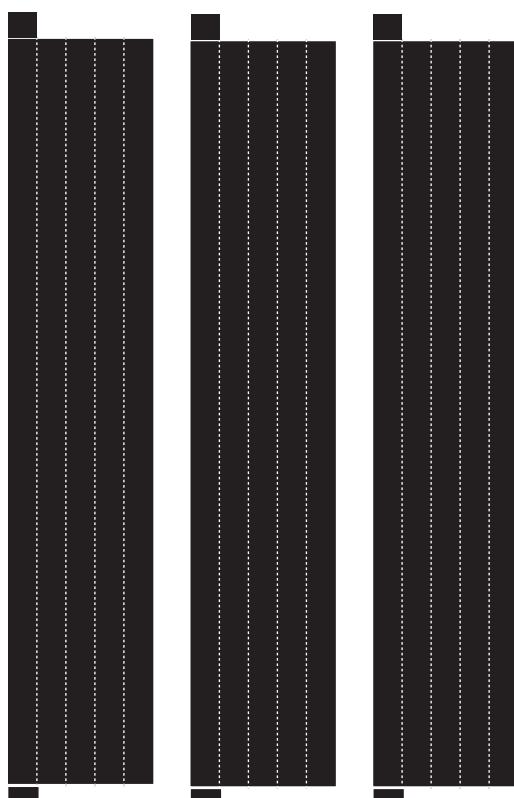
Secondary Mirror with Support System Booms



Aft Optics System



Secondary Mirror Assembly



Secondary Mirror Support
System Booms